(14)

BRUHAT BANGALORE MAHANAGARA PALIKE

DETAILED ESTIMATE FOR THE WORK OF Improvements to Hoysala Play ground-Balance Developmental Works

Estimated cost Rs 0.00 Lakhs

Sl. No	Description of work	No	Dimensions L	B	D	qty	Rate/unit	Amount
1	Supply and fixing of single skin kalzip roofing systems of 65/400, 0.9mm thick Aluminium standing seam roof sheets. The sheets comprise of Profiled sheeting of Aluminium self-supported standing seam roof system manufactured from Aluminium alloy AA 3004, minimum material thickness of 0.9mm and PVDF finishing RAL 9006 on the exposed surface with ST clips and necessary accessories. Structure: (i) Supplying, cutting, bending and fabricating hot rolled plates, sag rods, brackings and connection bolts to form a column, truss with base plates and purlins. (ii) Erection of the above truss work structure at required height. (iii) Providing and applying one coat of red oxide primer and two coats of synthetic enamel paint. The scope of work includes a) Design, Engineering, Fabrication and erection of steel structure, roof sheeting and facade system. b) Supply and installation of flashing, capping, screws and all other necessary accessories(Approved Rates)							
	Towards Pavillion Side (west Side)	1	56.80	7.25		411.80		
	Down stream(north side) west side (corner)	1	16.54	7.25		119.92		
					Total	**531.72**	**15025.00**	**7989017.88**
							sqmt	
2	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 P. No. 13 I. No.4.10						-	
	For coloumn	10	0.30	0.45	1.00	1.35		
						1.35	**6594.26**	**8902.25**
	Basic rate	6221.00					Cum	
	Area Weightage @ 6%	373.26						
	Total	**6594.26**						
3	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2. P. No. 16 I.No.4.32							
	For coloumn	10	1.50		1.00	15.00		
					Total	**15.00**	**69.96**	**1049.00**

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Sl No	Description of work	No	Dimensions			qty	Rate/unit	Amount
			L	B	D			
	Basic Rate	66.00					sqmt	
	Area weightage @ 6%	3.96						
	Total	**69.96**						
							Miscellaneous	1,030.87
							GRAND TOTAL Rs.	8000000.00

In Word : Rupees Eighty Lakhs only.

Certificate

1. The work spot has been inspected and the work is found necessary
2. This estimate is prepared as per C.S.R. of 2016-17 & approved data rate.
3. This provisions were made in this estimate are necessary and adequate
4. This work comes under B.B.M.P limits

Asst. Engineer
Project Division,

24/7/17.
Asst. Executive Engineer Project
Project Division, Yelahanka Zone, BBMP

Executive Engineer project 24/7/17
Project Division, Yelahanka Zone
BBMP, Bangalore-92.

Technical Sanction
Accorded For 80.00 Lakh Rs
Head of A/C... P.3106...
CER NO :... 149 ... Dt:... 24.7.17

[TA] [CE (YNK)]